TRENDnet®

Quick Installation Guide

**TEG-S80Dg**

1.01

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**Package Contents**

- TEG-S80Dg
- Multi-Language Quick Installation Guide
- Power Cord
- Rubber Feet

## System Requirements

- Computer with Network adapter installed
- CAT-5e or CAT-6 Network Cable
- The surface must support at least 1.5 Kg for the Switch
- The power outlet should be within 1.82 meters (6 feet) of the Switch
- Visually inspect the DC power jack to make sure that it is securely connected to the power adapter
- Make sure that there is proper heat dissipation from and adequate ventilation around the Switch
- Do not place heavy objects on the Switch

**1.** Connect the **Power Cord** to the TEG-S80Dg and then to a power outlet.

**2.** Connect a CAT-5e or CAT-6 RJ-45 network cable from the computer to an available Ethernet port on the TEG-S80Dg.

**Power**

**Green:** Power is on

**Not Illuminated:** Power is off

**Link/ACT**

**Green (Solid):**
Link to another device

**Green (Blinking):**
Activity is occurring from the link

**Not Illuminated:**
Nothing is detected on the port

**100/1000Mbps**

**Green:**
Connection for the port is 1000 (Full)

**Amber:**
Connection for the port is 100 (Full/Half)

**Not Illuminated:**
Connection for the port is 10 (Full/Half) or nothing is detected on the port

| Hardware | |
|---|---|
| **Standards** | IEEE 802.3 10BASE-T<br>IEEE 802.3u 100BASE-TX<br>IEEE 802.3ab 1000BASE-T |
| **Network Media** | Ethernet: 2-Pair UTP/STP CAT-3, -4, -5<br>Fast Ethernet: 2-Pair UTP/STP CAT-5, -5e , -6<br>Gigabit : 4-Pair UTP/STP CAT-5e, CAT-6 (Recommended) |
| **Data Transfer Rate** | Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex)<br>Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)<br>Gigabit Ethernet: 2000Mbps (full-duplex) |
| **Protocol/Topology** | CSMA/CD / Star |
| **Interface** | 8 x 10/100/1000 Auto-MDIX RJ-45 ports |
| **Data RAM Buffer** | 128Kbytes |
| **Jumbo Frame Support** | 9216Kbytes |
| **Packet Filtering/Forwarding Rate** | 10Mbps Ethernet: 14,880pps (packet per second)<br>100Mbps Fast Ethernet: 148,800pps<br>1000Mbps Gigabit Ethernet: 1,488,000pps |
| **MAC Address Learning** | Automatic Update |
| **Filtering Table** | 4K entries per device |
| **Switch Fabric** | 16Gbps Forwarding Capacity |
| **Power Consumption** | 3.96W (max) |
| **Diagnostic LEDs** | Per Port: Link/ACT;100mbps/1000mbps<br>Per Unit: Power |
| **Power** | 100-240VAC, 50/60Hz, Internal Power Supply |
| **Dimensions** | 171 x 98 x 28 mm (6.73 x 3.86 x 1.1 in.) |
| **Weight** | 450g |
| **Temperature** | Operating: 0° ~ 40° C (32° ~ 104° F)<br>Storage: -10° ~ 70° C (14° ~ 158° F) |
| **Humidity** | Operating: 10% ~ 90%<br>Storage: 5% ~ 90% |
| **Certifications** | CE, FCC |

**After connecting the Switch to a power outlet, the LEDs do not turn on.**

Check the connection of the external power adapter to the TEG-S80Dg and the power outlet. Also check that the power outlet is receiving power.

**When I connect a computer to one of the ports on the Switch, the Link/ACT LED turns on, but I am not getting Gigabit speeds.**

1. Check the LEDs. If the 100/1000Mbps LED is green, the computer's connection speed is 1000Mbps. If the 100/1000Mbps LED is amber, the computer's connection speed is 100Mbps. If the 100/1000Mbps LED is off, the computer's connection speed is 10Mbps.
2. Check the Ethernet Cable. Make sure you are using CAT-5e or CAT-6 Ethernet Cables. Some CAT-5 cables are not rated to run in Gigabit.
3. Make sure that you have a Gigabit Ethernet Adapter installed on your computer.

**After I connect my PCs to the Switch, I am unable to share files.**

1. Check the LEDs on the Switch. Make sure the Link/ACT LED is on.
2. Check the network cable. The minimum length of the cable is 1.5 meters and the maximum length of the cable is 100 meters.
3. Disable any software firewall program.
4. Verify that you have file sharing enabled. Please contact your Operating System support for more information.

**After I connect my PCs to the Switch, I can only get onto the Internet from one computer.**

The Switch was not designed to share Internet between multiple computers. You need to get an Internet router such as the TW100-S4W1CA.

**Where is the uplink port located on the Switch?**

Since all the ports on the Switch are Auto-MDIX, any of the ports can be used as an uplink port.

If you still encounter problems or have any questions regarding the **TEG-S80Dg** please contact TRENDnet's Technical Support Department.

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**TEG-S80Dg - 5 Year Limited Warranty**
**AC/DC Power Adapter, Cooling Fan and Power Supply carry 1 year warranty**

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**Certifications**

This equipment has been tested and found to comply with FCC and CE Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received. Including interference that may cause undesired operation.

Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.

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